

Kevin Williams

List of Publications by Year in descending order

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22
papers

680
citations

623734

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677142

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22
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of xanthan-locust bean gum mixtures on the physicochemical properties and oxidative stability of whey protein stabilised oil-in-water emulsions. <i>Food Chemistry</i> , 2015, 167, 340-348.	8.2	122
2	Reaction of Aflatoxin B1 Oxidation Products with Lysine. <i>Chemical Research in Toxicology</i> , 2002, 15, 780-792.	3.3	71
3	Creaming and oxidative stability of fish oil-in-water emulsions stabilized by whey protein-xanthan-locust bean complexes: Impact of pH. <i>Food Chemistry</i> , 2018, 239, 314-322.	8.2	63
4	Effect of xanthan/enzyme-modified guar gum mixtures on the stability of whey protein isolate stabilized fish oil-in-water emulsions. <i>Food Chemistry</i> , 2016, 212, 332-340.	8.2	56
5	Paradoxical Enhancement of the Toxicity of 1,2-Dibromoethane by O ⁶ -Alkylguanine-DNA Alkyltransferase. <i>Journal of Biological Chemistry</i> , 2002, 277, 37920-37928.	3.4	45
6	Characterization of a Mutagenic DNA Adduct Formed from 1,2-Dibromoethane by O ⁶ -Alkylguanine-DNA Alkyltransferase. <i>Journal of Biological Chemistry</i> , 2004, 279, 4250-4259.	3.4	39
7	Effects of Six-Membered-Ring Conformation on the Rotamer Distribution and Rate of Atropisomerization in Platinum(II)-Guanine Compounds: Λ -2,4-Bis(methylamino)pentane Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 5260-5268.	4.0	36
8	Effect of Amine Ligand Bulk on the Interaction of Methionine with Platinum(II) Diamine Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 1190-1196.	4.0	32
9	cis-Pt(NH ₃) ₂ (GpG) Properties Interpreted through Comparison with Retro-Model GpG Adducts Having Carrier Ligands Designed to Slow Dynamic Motion and Control Cross-Link Handedness. <i>Journal of the American Chemical Society</i> , 2000, 122, 8021-8030.	13.7	31
10	O ⁶ -Alkylguanine-DNA Alkyltransferase Has Opposing Effects in Modulating the Genotoxicity of Dibromomethane and Bromomethyl Acetate. <i>Chemical Research in Toxicology</i> , 2004, 17, 742-752.	3.3	27
11	Coumarin Substrates for Cytochrome P450 2D6 Fluorescence Assays. <i>Analytical Biochemistry</i> , 2001, 292, 280-286.	2.4	25
12	Factors Influencing the Configuration and Conformation of Diamine Chelate Rings in Platinum(II) Compounds: Λ -2,4-Bis(methylamino)pentane Complexes. <i>Inorganic Chemistry</i> , 1997, 36, 6070-6079.	4.0	24
13	Imprinting Structural Information from a GpG Ligand into the Configuration of a Chiral Diamine Ligand through Second-Sphere Communication in Platinum(II) Complexes. <i>Inorganic Chemistry</i> , 2001, 40, 445-454.	4.0	23
14	Anti-cancer characteristics and ototoxicity of platinum(II) amine complexes with only one leaving ligand. <i>PLoS ONE</i> , 2018, 13, e0192505.	2.5	20
15	Structure of the Aflatoxin B1 Dialdehyde Adduct Formed from Reaction with Methylamine. <i>Chemical Research in Toxicology</i> , 2002, 15, 793-798.	3.3	13
16	Reaction of platinum(II) diamine and triamine complexes with selenomethionine. <i>Inorganica Chimica Acta</i> , 2011, 368, 187-193.	2.4	12
17	A bulky platinum triamine complex that reacts faster with guanosine 5'-monophosphate than with N-acetylmethionine. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 214-216.	3.5	9
18	Interaction of N-acetylmethionine with a non-C ₂ -symmetrical platinum diamine complex. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 2119-2126.	3.5	8

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19	Effect of Alterations of Key Active Site Residues in O ⁶ -Alkylguanine-DNA Alkyltransferase on Its Ability To Modulate the Genotoxicity of 1,2-Dibromoethane. <i>Chemical Research in Toxicology</i> , 2007, 20, 155-163.	3.3	8
20	Comparison of N-acetylmethionine reactivity between oxaliplatin and an oxaliplatin derivative with chiral (S,S) amine nitrogen atoms. <i>Inorganica Chimica Acta</i> , 2013, 401, 64-69.	2.4	8
21	Effects of amine ligand bulk and hydrogen bonding on the rate of reaction of platinum(II) diamine complexes with key nucleotide and amino acid residues. <i>Inorganica Chimica Acta</i> , 2012, 391, 135-140.	2.4	7
22	Partial displacement of a triamine ligand from a platinum(II) complex after reaction with N-acetylmethionine. <i>Inorganica Chimica Acta</i> , 2017, 458, 163-170.	2.4	1